

Paramonova, E. G. and Prostyakov, K. M.
 THE FUNCTIONAL STATE OF THE THYROID GLAND
 IN PATIENTS WHO HAVE HAD MYOCARDIAL
 INFARCTION (Funktional'noe Sostoyaniye Shchitovidnoi
 Zheliezki u Bol'nykh Perenesavshikh Infarkt Miokarda).
 [1963] [12p] 3 refs. PASEB manuscript no. S 267-3.
 Order from ITS, SLA, or ETC \$1.60 TT-64-13509

Trans. of Terapevticheskiy Arkhiv (USSR) 1963, v. 35,
 no. 2, p. 54-58.

(Biological Sciences - Pathology, TT, v. 11, no. 11)

TT-64-13509

- I. Paramonova, E. G.
- II. Prostyakov, K. M.
- III. PASEB-S-267-3
- IV. Federation of American
 Societies for Experi-
 mental Biology.
 Washington, D. C.
- V. Scripta Technica, Inc.,
 Washington, D. C.

Office of Technical Services

Sherashevskii, M. G.

THE EFFECT OF VITAMIN B₁₂ ON FIBRINOLYSIS
IN ATHEROSCLEROSIS (K Vliyaniyu Vitamina B₁₂ na
Fibrinoliz i na Aterosklerozu). [1963] [8p] 14 refs

FASEB No. 10: S268-3.

Order from OTS, SLA, or ETC \$1.10 TT-64-13856

Trans. of T. I. Pervicheskii Arkhiv (USSR) 1963, v. 35,
no. 2, p. 38-40.

DESCRIPTORS: *Vitamin B complex, Fibrin, Anti-
coagulants, *Atherosclerosis, Drugs

(Biological Sciences--Pharmacology. TT, v. 11, no. 8)

TT-64-13856

I. Sherashevskii, M. G.

II. FASEB-S-268-3

III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Rabinovich, P. D. and Kublanov, L. A.
HEREDITY IN THE PATHOGENESIS OF GASTRIC
AND DUODENAL ULCERS, [1963] [11p] 25refs
FASEB manuscript no. S 494-3.
Order from FTS, SLA, or ETC \$1.60 TT-64-13473

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,
no. 3, p. 112-15.

TT-64-13473

- I. Rabinovich, P. D.
- II. Kublanov, L. A.
- III. FASEB-S-494-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences - Pathology, TT, v. 11, no. 11)

Office of Technical Services

Romanyuk, S. L.
EFFECT OF CORTICOSTEROID HORMONES ON
THE DETOXIFYING FUNCTION OF THE LIVER.
[1963] [10] Brefs: FASEB manuscript no. S 495-3.
Order from OTS, SLA, or ETC \$1.10 TT-64-13472

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,
no. 3, p. 30-34.

(Biological Sciences--Pharmacology, TT, v. 11, no. 1)

TT-64-13472

- I. Romanyuk, S. L.
- II. FASEB-S-495-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Sukharev, V. M. and Chistyakov, N. M.
COPPER, MANGANESE, IRON, NICKEL, AND COBALT
IN THE BLOOD OF PATIENTS WITH BOTKIN'S
DISEASE (Soderzhanie Medii, Margantsa, Zheleza,
Nikelya i Kobal'ta v Krovi u Bol'nykh Bolezn'yu Botkina).
[1963] [13] Brefs FASEB manuscript no. S 497-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13471

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,
no. 3, p. 38-43.

DESCRIPTORS: Copper, Iron, Nickel, Cobalt,
*Hematology, *Liver viruses, Diseases, Liver
function tests,

(Biological Sciences--Pathology. TT, v. 11, no. 8)

TT-64-13471

1. Title: Botkin's disease
2. Title: Hepatitis
- I. Sukharev, V. M.
- II. Chistyakov, N. M.
- III. FASEB-S-497-3
- IV. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Predtecheskii, A. N. and Kirov, S. M.
**CLINICAL INTERPRETATION OF THE ENZYMORAM
IN INFECTIOUS HEPATITIS** (Klinicheskaya Otsenka
Fermentov ammy pri is'ektsionnom Gepatite).
[1963] [9p] Brefs FASEB, manuscript no. S 498-3.
Order from OTS, SLA, or ETC \$1.10 TT-64-13470

Trans. of Terapevticheskii Arkhiv (USSR) 1963, v. 35,
no. 3, p. 43-46.

DESCRIPTORS: *Enzymes, *Liver viruses, Diseases,
*Liver function tests, *Blood serum, Diagnostic
agents.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

TT-64-13470

- I. Title: Hepatitis
- I. Predtecheskii, A. N.
- II. Kirov, S. M.
- III. FASEB-S-498-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-64-13445

Yurchakovich, L. P.
KIDNEY FUNCTION IN INFECTIOUS HEPATITIS
(FROM HEMORENAL INDICES) [1963] [11p] 16refs
FASEB manuscript no. S 499-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13445

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,
no. 3, p. 46-51.

DESCRIPTOR: *Kidney function tests, *Hepatitis,
Liver viruses, Diagnostic agents, Blood, Urine.

- I. Yurchakovich, L. P.
- II. FASEB-S-499-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Pathology, TT, v. 11, no. 10)

Office of Technical Services

TT-64-13444

Petrov, N. M. and Trusov, V. V.
CLINICAL EVALUATION OF THE ABSORPTIVE AND
EXCRETORY FUNCTION OF THE LIVER BY MEANS
OF ROSE BENZAL TAGGED WITH RADIOIODINE.
[1963] [18p] [3 refs] FASEB manuscript no. S 500-3.
Order from CTS, SLA, or ETC \$1.60 TT-64-13444

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,
no. 3, p. 51-58.

- I. Petrov, N. M.
- II. Trusov, V. V.
- III. FASEB-S-500-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

(Biological Sciences--Physiology, TT, v. 11, no. 11)

Office of Technical Services

Yaroshevskii, A. Ya. and Klemina, I. K.
THE HEMATOLOGY OF RESPIRATORY INSUFFI-
CIENCY (O Gematologii Dykhatel'noi Nedostatocnosti).
[1963] [20p] 2 refs FASEB manuscript no. S 501-3.
Order from UTS, SLA, or ETC \$1.60 TT-64-13443

Trans. of Trapeyticheski Arkhiv (USSR) 1963, v. 35,
no. 3, p. 70-78.

DESCRIPTORS: *Hematology, *Respiration, Diseases,
*Hemopoietic system, Hemoglobin, Blood circulation.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

TT-64-13443

- I. Yaroshevskii, A. Ya.
- II. Klemina, I. K.
- III. FASEB-S-501-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-64-13430

Orlov, V. N.
CLINICAL AND ELECTROKYMOGRAPHIC PARALLELS
IN PATIENTS WITH SCARS FOLLOWING MYOCARD-
IAL INFRACTION. [1963] [10p] 8 refs FASEB manu-
script no. S585-3.

Order from OTS, SLA, or ETC \$1.10 TT-64-13430

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,
no. 5, p. 10-15.

DESCRIPTORS: Electromyography, *Adhesions
(Physiology), *Heart, Necrosis, Coronary vessels,
Thrombosis, *Electrocardiography, Diseases

- I. Orlov, V. N.
- II. FASEB-S-585-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences - Pathology, TT, v. 11, no. 3)

Office of Technical Services

Britov, A. N.
SIGNIFICANCE OF CERTAIN INDICES OF PROTEIN
AND FAT METABOLISM IN DIFFERENTIAL
DIAGNOSIS OF CORONARY INSUFFICIENCY
(Znachenie Nekotorykh Pokazatelei Belkovogo i Lipidnogo
Obmena dlya Differentsial'noi Diagnostiki Razlichnykh
Form Koronarnoi Nedostatochnosti). [1964] [25p]
(foreign transl included) 29 refs FASEB Ma no.: S 586-3.
Order from: OTS, SLA, or BTC \$2.60 TT-64-15526

Trans. of Terapevticheski Arkiv (USSR) 1963,
v. 35, no. 5, p. 21-28.

(Biological Sciences--Pathology, TT, v. 12, no. 3)

TT-64-15526

- I. Britov, A. N.
- II. FASEB-S-586-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Sidorovich, S. Kh.
EXTERNAL RESPIRATION IN PATIENTS WITH
ACUTE MYOCARDIAL INFARCTION. [1963] [12p]
12refs FASEB Ms no.: S587-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13849

Trans. of Terapevticheskiy Arkhiv (USSR) 1963, v. 15,
no. 5, p. 34-39.

DESCRIPTORS: *Heart, *Necrosis, *Respiration

(Biological Sciences--Pathology, TT, v. 11, no. 8)

TT-64-13849

1. Title: Myocardial Infarct
- I. Sidorovich, S. Kh.
- II. FASEB-S-587-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-64-13850

Smetnev, A. S., Makarova, N. A., and Polikarpova, E. G.

HEMORRHAGIC COMPLICATIONS OF ANTICOAGULANT THERAPY IN MYOCARDIAL INFARCTION.

[1963] [11p] 16 refs FASEB Me no.: S 588-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13850

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35, no. 5, p. 39-44.

DESCRIPTORS: *Heart, *Necrosis, Therapy, *Hemorrhages, *Anticoagulants

- I. Title: Myocardial Infarct
- I. Smetnev, A. S.
- II. Makarova, N. A.
- III. Polikarpova, E. G.
- IV. FASEB-S-588-3
- V. Federation of American Societies for Experimental Biology, Washington, D. C.
- VI. Scripta Technica, Inc., Washington, D. C.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

Office of Technical Services

Kozlov, G. S.
THE ANALYSIS OF THE PHASES OF THE CARDIAC
CYCLE AND THEIR CLINICAL SIGNIFICANCE IN
RHEUMATIC FEVER [1963] [23p] 16 refs FASEB
manuscript no. S 590-3.
Order from OTS, SLA, or ETC \$2.60 TT-64-13428

Trans. of ~~Travnychevskiy Arkhiv~~ (USSR) 1963, v. 35,
no. 5, p. 71-78.

DESCRIPTORS: Cardiography, *Rheumatic diseases,
Heart

(Biological Sciences--Pathology, TT, v. 11, no. 9)

TT-64-13428

- I. Kozlov, G. S.
- II. FASEB-S-590-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

The Significance of Gastrobiopsy in
Diagnosis of Gastric Diseases, by
K. S. Virsaladze, et al.
RUSSIAN, per Terapevticheskii Arkhiv,
Vol XLV, No 6, 1963, pp 33-37.
NIH 9-30664

Sci-ISM
Jul 65

286,167

TT-64-15487

Masevich, Ts. G.
THE SIGNIFICANCE OF MORPHOLOGICAL AND
FUNCTIONAL METHODS OF GASTRIC ANALYSIS IN
DIAGNOSIS OF CHRONIC GASTRITIS (Znacheniye
Morfologicheskikh i Funktsional'nykh Metodov
Issledovaniya Zheludka v Diagnostike Khronicheskikh
Gastritov). [1964] [25p] Iirefa PASEB Ma no.: S759-3.
Order from: OTS, SLA, or ETC \$2.60 TT-64-15487
fls available on loan from OTS

Trans. of Terapevticheski Arkhiv (USSR) 1963, v. 35,
no. 9, p. 38-46.

(Biological Sciences--Anatomy, TT, v. 12, no. 3)

- I. Masevich, Ts. G.
- II. PASEB-S-759-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Tolmach, D. V.
QUANTITATIVE VARIATIONS IN THE SODIUM,
POTASSIUM, AND CALCIUM CONTENT OF GASTRIC
JUICE IN CHRONIC GASTRITIS. [1964] [12p] 11 refs
FASEB Ms no.: S760-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-15488
Trans. of ~~Terapevticheskiy Arkhiv~~ (USSR) 1963, v. 35,
no. 6, p. 46-50.

(Biological Sciences--Biochemistry, TT, v. 12, no. 3)

TT-64-15488

- I. Tolmach, D. V.
- II. FASEB-S-760-3
- III. Federation of American
Societies for Experi-
mental Biology.
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Specific Dynamic Action of Food Following Re-
section of Various Segments of the Gastro-
intestinal Tract, by E. A. Beyull, A. P. Borisov.
13 pp.

RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35,
No 6, 1963, pp 56-62.

SLA TT-64-19257

Sci/B&M
Jul 66

303,804

Shamlyan, N. P.
THE CLINICAL AND HEMATOLOGICAL FEATURES
OF DIPHYLLOBOTRIASIS IN THE SOVIET FAR
NORTH (O Kliniko-Gematologicheskikh
Osobennostyakh Diftillobotrioza v Usloviyakh Krainego
Severa). [1964] [22p] (foreign text included) 32 refs
F ASEB Ms no. S762-3.
Order from OTS, SLA, or ETC \$2.60 TT-64-15489

Trans. of Terapevticheskii Arkhiv (USSR) 1963,
v. 35, no. 6, p. 67-73.

(Biological Sciences--Pathology, TT, v. 12, no. 3)

TT-64-15489

- I. Shamlyan, N. P.
- II. FASEB-S-762-3
- III. Federation of American
Societies for Experi-
mental Biology.
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Pak, S. G.

CLINICAL SIGNIFICANCE OF ELECTROPHORETIC STUDIES OF SERUM PROTEINS AND LIPOPROTEINS FOLLOWING RECOVERY FROM INFECTIOUS HEPATITIS (Klinicheskoe Znachenie Elektroforeticheskogo Issledovaniya Belkov i Lipoproteidov Syvorotki Krovi u Lits, Pereneskhiv Epideimicheskii Gepatit (Bolezn' Botki a). [1964] [18p] (foreign text included) 22refs. FASEB Ms no. S763-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-15465

Trunk. of Terapevticheskii Zhurnal (USSR) 1963, v. 35, no. 6, p. 55-60.

(Biological Sciences--Biochemistry, TT, v. 12, no. 3)

TT-64-15465

- I. Pak, S. G.
- II. FASEB-S-763-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

THE ROLE OF BIOPHYSICS, CHEMISTRY AND CYTOLOGY IN
THE DEVELOPMENT OF MEDICINE, BY V G YELISEYEV,
8 PP.

RUSSIAN, PER, TERAPEVTICHESKIY ARKHIV, VOL XXXV,
NO 8, 1963, PP 3-9.

JPRS 21966

SCI-BIOL & MED SCI
DEC 63

242,947

Nedogoda, V. V.

A TECHNIQUE FOR MEASURING THE RATE OF BLOOD FLOW IN THE PORTAL CIRCULATION BY MEANS OF ETHER, AND THE DIAGNOSTIC SIGNIFICANCE THEREOF (K Metodike i Diagnosticheskoi Tsennosti Opredeleniya Skoroeti Portal'nogo Krovotoka Efirnym Sposobom). [1964] [30p] (foreign text included) Biref. FASEB Ms. no.: S764-3.

Order from OIS, SLA, or ETC \$2.60 TT-64-15583

Trans. of Terapevticheskii Arkhiv (USSR) 1963, v. 35, no. 8. pp. 9-44.

(Biological Sciences--Physiology, TT, v. 12, no. 3)

TT-64-15583

- I. Nedogoda, V. V.
- II. FASEB-S-764-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripps Technica, Inc., Washington, D. C.

Office of Technical Services

SOME PROBLEMS IN THE ANALYSIS OF THE ELECTROGASTRO-
GRAM AND ITS VARIANTS IN HEALTHY PERSONS DURING
DIGESTION, BY L. G. KRASIL'NIKOV, YU I FISHZON-
RYSS, 10 PP.

RUSSIAN, PER, TERAPEVTICHESKIY ARKHIV, VOL XXXV, NO 8,
1963, PP 56-62.

JPRS 21925

SCI-BIOL & MED SCI

Nov

63

242,323

Magomedova, M. O.
THE EFFECT OF CHRONIC ALCOHOLISM ON THE
DEVELOPMENT OF ATHEROSCLEROSIS (O Vliyani
Khronicheskogo Alkogolizma na Razvitiie Ateroskleroz).
[1964] [3 p] (foreign text included) 57 refs FASEB
Ma no. : S766-3.

Order from OTS, SLA, or ETC \$3.60 TT-64-15531

Trans. of Terapevticheski Archiv (USSR) 1963,
v. 35, no. 3, p. 98-99.

TT-64-15531

- I. Magomedova, M. O.
- II. FASEB-S-766-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Pathology, TT, v. 12, no. 3)

Office of Technical Services

Determination of the strength of the Cholesterol-Protein Bond and its Value in Patients With Atherosclerosis, by V. P. Medvedev. 19 pp.

RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35, No 9, 1963, pp 14-19.

SLA TT-64-19233

Sci/B&M
Jul 66

305,924

Disturbances of Vascular Tone and Some Features of
Metabolism in the Young, by N. I. Shtel'makh. 23 pp.
RUSSIAN, per, Terapevticheskiy Arkhiv, Voi 35, No 9,
1963, pp 67-76.
SLA IT-64-19234

Sci/3&M
Jul 66

305,934

Radioactive Chromium in the Study of the Circulating Blood Volume in Chronic Pulmonary Diseases, by A. N. Tarasov.

RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35, No 10, 1963, pp 22-27.

SLA TT-64-19217

Sci/B&M

Jul 66

305,973

Glutamic-Pyruvic and Glutamic-Oxalic
Transaminase in Infectious Hepatitis, by
L. I. Gol'dberg,
RUSSIAN, per. Per. Arkh., Vol XXXV, 1963,
pp 26-35.
Dept of Navy 5306/RDS No 1197

Sci-66
May 67

524,840

Intrathoracic Pressure and Work of Respiration in
Patients with Cardiopulmonary Failure, by
N. M. Mukharlyamov. 12 pp.
RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35, No 10,
1963, pp 77-82.
SLA TT-64-19235

Sci/B&M
Jul 66

305,927

On the Frequency Distributions of the
First and Second Heart Sounds and the
Relative Amplitudes of the Different
Frequencies, by L. N. Goncharova.
RUSSIAN, per, Terapevticheskii Arkhiv,
Vol 35, No 9, 1963, pp 98-106.
OIS TT-64-19654

Sci-B&M
Jul 66

306,438

State of the Lipid Metabolism in Various Phases
of Rheumatic Fever, by R. I. Mikunis. 14 pp.
RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35,
No 10, 1963, pp 131-137.
SLA TT 64-19290

Sci /B&M
Jul 66

305,925

Effect of Betasitosterol on Blood Lipoprotein
Fractions in Patients With Coronary Atherosclerosis,
by S.M. Vaisman, L.M. Georgievskaya, et al. 10 pp.
RUSEIAN, per, Terapevticheskiy Arkhiv, Vol 35,
No 11, 1963, pp 64-68.
SKA IT-64-19236

Sci, B&M
Jul 66

305,963

The Functional State of the Human Adrenal Cortex
in Chronic Lead and Benzene Intoxication by

N. L. Kanner. 18 pp.

RUSSIAN, per, Terapevticheskiy Arkhiv, Vol 35,

No 11, 1963, pp 95-99.

SLA TT-64-19273

Sci/B&M

Jul 66

305,955

Clotting and Anticlotting Systems of
the Blood in Coronary Circulatory
Disturbances, by A. Ya. Yaroshevskii,
E. K. Zhavoronkova.

RUSSIAN, per, Terapevticheskii Arkhiv,
Vol XXXVI, 1964, No 1, pp 36-43.
OTS TT-64-19650

Sci

Jan 67

317p536

Utilization of Preserved Thrombocyte
Mass in Certain Affections of the Blood
System, by Ch. S. Guseinov.

RUSSIAN, per, Terapevticheskiy Arkhiv,
Vol XXXVI, No 3, 1964, pp 60-65.

NII 10-40-64

Sci - Biol & Med Sci
Aug 65

284,368

The Effect of Euphyllin on Renal Function
and Haemodynamics in Cardiac Failure, by

A. K. Merzon, 26pp.

RUSSIAN, per, Terapevticheskii Arkhiv,

Vol 36, No 1, 1964, pp 88-100.

CFBTI TT-64-19703.

A. K. Merzon

321,696

Sci - B & M

Mar 67

Hemorrhagic Nephroso-Nephritis, by S. V.
Vishnovskiy, 5 pp.

RUSSIAN, bk, Terapevticheskiy Spravochnik, Vol I,
Moscow, 1951. ~~100 pp.~~ pp. 383-386,

Sci Tr Center
RT-1463

Scientific - Medicine

18,893

I-77/64

Thermal Springs of Kamchatka, by
B. I. Piyp. (SF-3297) 15 AP.

RUSSIAN, bk, Termal'nyye Klyuchi Kamchatki,
1937, pp 55-69.

JPRS/SPECIAL/SF-3297

Sci - Earth Sci
Aug 64

Theoretical Dissociation of Ammonium Polyuranate ADU,
by N. Lendovskiy, I. Lendovskaya, et al, 17 pp.
RUSSIAN, 196, Izvestiya Akademiya Nauk SSSR
Polurana Ammoniya ADU. 9222634
AEC-TI-6577

Sci-Phys
Jul 64

~~261,011~~

261, 011

Hydrazoic Acid (HN_3) - Explosive Materials Which
Decompose in the Solid State - The General Laws
for the Thermal Decompositions of Explosive Sub-
stances - Calcium Azide - Detonators - The Com-
bustion Mechanism of Detonators - And Deductions,
by K. K. Andreyev, 30 pp.

RUSSIAN, per, Termicheskoe Raslozhenie i Gorenie
Vzrychatykh Veshchestv, Moscow-Leningrad, 1957,
pp 93-106, 143, 160-162, 223-235.

Engr Res Devel Lab,
E-194

No1 - Chem
Dec 58

77,762

Kolobnev, I. F.
HEAT TREATMENT OF ALUMINUM ALLOYS, tr.
by C. E. Nisenbaum, 1963, 308p. 243 refs. PL-480
Comm.

Order from OTS 53,000

63-11136

Trans. of mono. Termicheskaya Obrabotka Alyumini-
vykh Splavov, Moscow, 1961 [43]p.

DESCRIPTORS: *Aluminum alloys, Heat treatment,
Aluminum castings, Alloys.

Classification of heat treatment processes for aluminum
alloys

Heat treatment of cast aluminum alloys

Heat treatment of wrought aluminum alloys

Equipment used for heat treatment of aluminum alloys

Technology of alloy heat treatment

Defects and faults due to heat treatment and their
correction

(Metallurgy--Light Metals, TT, v. 10, no. 7)

63-11136

I. Kolobnev, I. F.
II. PL-480 Comm (63-11136)
III. National Science Foundation,
Washington, D. C.

Office of Technical Services

Tables of Contents of Four USSR Books on
Metallurgy, 7 pp.

RUSSIAN, bks, Termicheskaya Obrabotka Instrumental'
nykh Staley, 1951; Tekhnologiya Rezhushchego
Instrumenta, 1953; Svoystva i Termicheskaya
Obrabotka Instrumental'nykh Staley, 1954; Issledo-
vaniye Struktury Instrumental'nykh Staley, 1954;
Mashgiz, Moscow.

CIA/RDD/X-1939

USSR

Sci. - Minerals/Metals

29,580

Austenite Transformation During Uninterrupted Cooling in Connection With the Mechanical Properties of High Alloy Steels, by P. V. Sklyuyev, 13 pp.

RUSSIAN, bk, Termicheskaya Obrabotka Metallov Konferentsiya po Materialam, 1950, pp 1-10.

ATIC F-TS-8749/V

Sci - Minerals/Metals

33,243

Apr 56

Heat Treatment of New Cast Aluminum Alloys,
by N. N. Belousov, Ye. N. Mikhayeva, 32 pp.
RUSSIAN, par. Termicheskaya Obrabotka Novykh
Litevykh Alyuminiyevykh Splavov, 1964,
pp 1-36.
AIR/FTD/MT-24-337-67

Sci-Mat
Jan 69

370,792

T/C and bk review

Thermal Treatment of Steel by the Sub-Cooling Process:
Theory and Practice by P. P. Petrosyan, 5 pp.

RUSSIAN, bk Termicheseskaya obrabotka stali kholodom;
teoriya i praktika, 1957, 123 pp.

Head, Lib Sv Sec
Air Info Div, Lib Cong

Aug 58

Thermal Treatment and Property of Alloys, 181 pp.

RUSSIAN, bk, Termicheskaya Obrabotka i Svoystva
Splavov, Moscow, 1962, pp 1-161. 9695363

FTD-MT-64-83
GOV'T USE ONLY

Sci - M/M
Nov 64

269,449

Initiation of Explosives, by K. K. Andreyev,
21 pp.

RUSSIAN, bk, ~~Termincheskoe Razlichenie i Gorenie~~
Varyvchatykh Veshchestv, 1957, pp 277-287. *65,542*

Engr Res and Devel Lab *7-208*
Ft Belvoir, Va

Sci - Chem

Jun 58

65,542

Terminology of Oxygen and High Altitude Aircraft
Equipment, 3 pp.

RUSSIAN, as, Terminologia Kislorodnogo i
Vysotnogo Oksigenatsionnogo Oboznameniya, Moscow, 1954,
pp 5, 7, 20, Encl to IN-1016-97, AFON-1A1.

AF 1068731

Sci - Aeronautics, terminology
Feb 1957 CTS/dax

43,457

Soviet Aviation Terms, 13 pp. UNCLASSIFIED

RUSSIAN, pamphlet, Terminologiya Konstruktsii i
Prochnosti Samoleta, Moscow 1954, Encl to
IR-1456-58, AF CIN-1A1.

AF 1181695

Sci - ASDO
Jul 58

66,604

Terminology of the Theory of Relay Devices, by
M. D. Gavrilov, 26 pp.
RUSMAN, M., Terminologia po Teorii Releynykh
Ustroystv, Moscow, 1964. 9237472
NADIRI P-350

Sci-Engr; Phys
Jun 65

281,047

(E NY-1394)
Terminology of Computer Machines and Instruments,
edited by A. M. Terpigorev, 16 pp. UNCLASSIFIED

RUSSIAN, pamphlet, Terminologiya Vychislitel'nykh
Mashin i Prohorov, No 42, Moscow, 4 Nov 1957, pp 3-16.

US JPRS/NY-328

Sci - Electronics
Apr 58

62,341

Thermodynamic and Ballistic Design
Fundamentals of Solid-Propellant Rocket
Engines, by B. V. Orlov, G. Yu. Wazing,
391 pp.

RUSSIAN, bk, Termodinamicheskiye i
Ballisticheskiye Osnovy Proyektirovaniya
Raketnykh Dvigatelya na Tverdom Toplivo.
Moscow, 1964, pp 1-406. P100055167-V
FTD-MT-65-191

Sci - Prop & Fuels
Feb 67

320,053

62-12346

Predvoditelev, Aleksandr Savvich, and others
 CHARTS OF THERMODYNAMIC FUNCTIONS OF
 AIR (FOR TEMPERATURES OF 1000 TO 12,000° K
 AND PRESSURES OF 0.001 TO 1000 ATMOSPHERES)
 Book 3 of Thermodynamic Properties of Air at 1000 to
 20,000°K and 0.001 to 1000 Atm. 1962, 56p.
 Order from AFS \$6.50, set of 3/\$38.25

Trans. of mono. (Termodinamicheskie Funktsii
 Vozdukh pri Temperaturakh ot 1000 do 12,000° K i
 Davlenii ot 0.001 do 1000 Atm (Grafiki Funktsii)
 Moscow, 1960, 53p.)

DESCRIPTORS: *Air, *Thermodynamics, Tempera-
 ture charts

Contents

Description of Tables
 Approximate Method for the Computation of Air
 (Physics: Thermodynamics, TT, v. 7, no. 4) (over)

- I. Predvoditelev, A. S.
- II. Title: Thermodynamic
 properties...
- III. Associated Technical
 Services, Inc., East
 Orange, N. J.

Office of Technical Services

Thermodynamic Research by the Method of Explosion and
Computation of Combustion Processes, by A. M. Gurvich,
Yu. Kh. Shaulov, 181 pp.

RUSSIAN, bk. Termodinamicheskiye Issledovaniya
Metodam Vozryva i Raschety Prof. Gorennya, 1955,
163 pp.

ATIC F-TS-9979/v

Sci. - Chem.
Oct 59

99,497

Thermodynamic Calculations for Rocket Engines,
by B. A. Nikolayev, 193 pp.

RUSSIAN, bk, Termodinamicheskiy Raschet
Raketnykh Dvigatelay, 1960, pp 1-147. 9677645

FTD-TT-62-271

Sci - Engr
Jul 62

204,855

Thermodynamic Properties of Sulphur Hexafluoride,
by I. I. Pereleshchtein,

RUSSIAN, per, Termodinamicheskie Svoistva
Shestifloristoi Sery, 1961

REF ID: A776

(ON LOAN OR PURCHASE)

Sci - Chem

May 67

325,863

Thermodynamic Properties and Combustion-
Product Transfer Properties of Hydrocarbon Fuels
at Temperatures up to 4000°K, by

Ye. V. Samylov, I. B. Iozhdustvenskiy, et al.
29 pp.

RUSSIAN, Mono, Termodinamicheskiye Svoystva i
Svoystva Perenosa Produktov (Goreniya Eglewo-
orodnykh Toplivo pri Temperaturakh do 4000°K,
SP-107/162. 1-35.pp

AFR/ITD/II-24-180-68

sci/physics

mar 69

377.917

Thermodynamic Properties of Individual Sub-
stances. Volume 1: Calculation of the Thermo-
dynamic Properties, by A. V. Gurvich,
G. A. Khachkurzov, et al. 8053 pp.
RUSSIAN, bk, Termodinamicheskiye Svoystva In-
dividual'nykh Veshchestv: V Dvukh Tomakh, Tom 1;
Vychisleniye Termodinamicheskikh Svoystv, Chaps.
1-15, 1962, pp 5-436 P100313967-V
FID-HT-66-251

Sci/Physics
Nov 67

343,323

Thermodynamic Properties of Individual Sub-
stances, Volume 2: Calculation of the Thermo-
dynamic Properties, by A. V. Gurvich,
G. A. Khachkuruzov, et al. 856-1789 English pgs.
RUSSIAN, bk, Termodinamicheskiye Svoystva In-
dividual'nykh Veshchestv; V Dvukh Tomakh, Tom 1;
Vychisleniye Termodinamicheskikh Svoystv,
Chapts. 16-27, 1962, pp 437-858 P10031396Z-V
FTD-HT-66-251

Sci/Physics
Nov 67

343,324

Thermodynamic Properties of Individual Sub-
stances. Volume 1: Calculation of the Thermo-
dynamic Properties, by A. V. Gurlich,
G. A. Khachkuruzov, et al. 1790-2409 English pgs.
RUSSIAN, bk, Termodinamicheskiye Svoystva In-
dividual'nykh Veshchestv: V Dvukh Tomakh, Tom 1;
Vychisleniye Termodinamicheskikh Svoystv,
Ch. 1, pp. 28-31, pp 859-1162 P100313967-V
FT-66-251

Sci./Physics
Nov 67

343,325

Glushko, V. P., Gurvich, L. V. and others
 THERMODYNAMIC PROPERTIES OF INDIVIDUAL
 SUBSTANCES. VOL. I. COMPUTATION OF THERMO-
 DYNAMIC PROPERTIES: FOREWORD AND INTRO-
 Duction. [1963] (20p)

Order from: OTS, SIA, or ETC \$1.60 TT-63-23060

Trans. of mono. Termodinamicheskie Svoystva
 Individualnykh Vеществ [Spravochnik V Drukh
 Tomakh, 2d ed]. v. I. Vychislenie Termodinami-
 cheskikh Svoystv, Moscow, 1962, p. 11-24.

DESCRIPTIONS: *Thermodynamics, High temperature
 research, Gases, Solids, Liquids, Thermochemistry,
 Tables.

(Physics--Thermodynamics, TT, v. 11, no. 2)

TT-63-23060

- I. Glushko, V. P.
- II. Gurvich, L. V.
- III. Title: Computation ...
- IV. Title: Vychislenie ...
- V. National Bureau of
Standards, Washington,
D. C.
- VI. O'Callaghan, T. C.,
Associates, Washington,
D. C.

Office of Technical Services

Thermodynamic Cycles of Nuclear Power Stations,
by D. D. Kulafaty,
RUSSELL, Bt, Termodinamicheskie Tsikly Atomnykh
Elektrostantsii, Moscow, 1963, 280 pp.

6*IPST

N 0 2 1 5 3

~~XXXX~~

Sci-~~XXXX~~ Nucl Sci

Sep 64

\$ 12.50

S-40/53

Thermodynamic Cycles of Atomic Power Stations
With an MHD Generator, by D. E. Kalafati (DC- 990)

RUSSIAN, Uk. Termodinamicheskiye Tsikly Atomnykh
Elektrostantsiy, Moscow, 1963, pp 251-254.

✓
JPRS 21,241

Sci - Eng

Sec 3

Thermodynamics, by A. I. Vainik, 259 pp.
RUSSIAN, bk. Termodinamika, 1961.
NASA TT F-148
OTS 64-11102

Sci - Nucl Sci
Jan 65

270,495

Thermodynamics of Tungsten, Molybdenum, Titanium,
Zirconium, Niobium, Tantalum and Their Most
Important Compounds, by Ya. I. Gerasimov.

RUSSIAN, bk, Termodinamika Vol'frama, Molibdena,
Titana, Tsirkoniya, Niobiya, Tantara i ikh
Vazhneyshikh Soyedineniy, Moscow, 1963, 283 pp.

*PL-480

NASA

Sci -
Jul 63

THE THERMODYNAMICS OF AQUA-COMPLEXES, BY
V. P. VASIL'EV.

RUSSIAN, BK, TERMODINAMIKA I STROENIE
RASTVOROV, TRUDY SORESHCHANIYA, 1950.

NLL RTS 1970

SCI - PHYS

JUN 62

199,969

Thermoelectric properties of the noble metals and
their alloys, by Aleksandr Aleksandrovich Rudnitskii,
294 pp.

RUSSIAN, in, Termoelektricheskiye Svoistva
Blagotvednykh Metallov i ikh Splavov, 1956, 148 pp.

AEC TR 3724

Eci - Min/Met

Oct 59

98,896

JPOS R-71-E

Thermoelectric Properties of Semiconductors,
by V. A. Kutasov, 118p.

RUSSIAN, mos. ~~Technicheskaya~~
~~Enustva Poluprovodnikov~~, Moscow, 1962,
CF

333, 570

Sci

Jay 64

Protection of a Negative Branch of a Thermocouple
During Aging, by A. N. Varnin, R. Z. Grinberg,
et al.

USSR, per, Izvestiya Akademiya Nauk SSSR, Seriya Fiziko-Matematicheskie Nauki, 1963,
No. 1, pp. 123-127.

DEC 65 6595

Sci-Maga
Jul 65

Thermoelectricity, by A. S. Bernshleya, 58 pp.

RUSSIAN, bk, Termoelektrichestvo, 1957, 57 pp.

ATIC P-TS-9986/III

Sci - Electr

Oct 59

99,499

(J-1329/61)

Type TEGK Thermoelectric Generator -
Description and Operating Instructions,
(DC-6452)

RUSSIAN (into English and Portuguese) bk,
Termoelektrogenerator Tipa TEGK-9 -- Opisaniye
i Instruktsiya Pol'zovaniya, pp 1-5.

*JPRS
SPECIAL

USSR
Econ
1 Dec 61

(FDD 24206)

Thermophilic Microorganisms in Nature and Practice, by Ye. N. Monastvtn, 124 pp.

RUSSIAN, bk, Termofil'nyye Mikroorganizmy v Prirode i Praktika, Moscow/Leningrad, 1950,
pp 14-23, 43-46, 52, 53, 147-154, 163-173,
271-282, 288-301, 368-378, 389-391.

CIA/FDD/U-7238

USBR

Sci - Biology

OTB 71/Aug 1955

27,692

The Structure of Shock Waves in Air
With Account Being Taken of the Kinetics
of Chemical Reactions and the Excitation
of Molecular Vibrations of Nitrogen,
by S. N. Anisimov, N. M. Kuznetsov. et al.
RUSSIAN, per, ~~Translation, English Summary~~
Vol II, No 3, 1964, pp 337-343. 9700639
Dept of Navy/ONI Tr No 2142

Sci-Chem
JUL 68

304,280

Thermo-Chemical Method of Softening and
Desalting Caspian Sea Water and the
Industrial Thermo-Chemical Desalination Plant
in Baku, by I. Z. Makinskiy, 14 pp.

RUSSIAN, rpt. Termokhimicheskii Metod
Uuyagcheniya i Opresneniya Vody Kaspiiskogo
Morya i Promyshlennaya Termokhimicheskaya
Opresnitel'naya Ustanovka V. G. Baku,

1966.

*AEC

Sci - ES & Oceanography

Apr 67

TT-63-22463

Tsldil'kovskii, I. M.
THERMOMAGNETIC EFFECTS IN SEMICONDUCTORS,
tr. by A. Tybulewicz. 1962, 1v.
Order from Infosearch Ltd., London

I. Tsldil'kovskii, I. M.
II. Infosearch Ltd. (Gt. Brit.)

Trans. of mono. [Termomagnitnye Yavleniya v Poluprovodnikakh], Moscow, 1960, 396p.].

DESCRIPTORS: *Semiconductors, Thermoelectricity,
Electromagnetic properties.

(Physics--Solid State, TT, v. 11, no. 4)

Office of Technical Services

Special Features of the Testing of Heat
Resistant Materials for Thermal Fatigue,
by N. I. Kononchuk, Yu. A. Yakovlev.
Soviet, per, 'Termostoikost' Sharobrochov
S. I. I. Moscow, 1962, pp 142-147.
NII 9621.00 (4936)

Sci - 101
Oct 57

343, #60

Thermal Stability of Heat-Resistant Alloys, 151 pp.

RUSSIAN, bk, 'Termostoykost' Zharoprochnykh Splavov,
1962, pp 3-169. 9529638-V

FTD-TT-63-147

Sci. M/M
Dec 63

243,606

Thermonuclear Weapons, by M. B. Nayman, K. M.
Sadilenko, 49 pp.

RUSSIAN, bk, Termoyadernoye Oruzhiye, 1958,
pp 29-38, 58-72, 83-89, 142-156. 760

ATTC MCL-555/V

Sci - Nuclear Phys

Oct 60

100-4047

128,132

Russian

*Completed
Special*

DC

1,001/70

FOR 70 SF

Thermonuclear Weapons
(selected portions only) by H.B. Neuman,

book, Termoyadernoye oruzhiye, Moscow, 1951, pp 10-141,
pp 157-175, 214-218,

Special Type "B": Transl. draft plus one,
incl. reprographics,

book-do not mutilate/repro pp & return ASAP

Thermoneuclear Weapons, 12 pp.

RUSSIAN, rpt, Termoyadernoye Ouzhiye,
pp 172-174; 190-191; 198-202; 214-218

525th 31 1st

H-5713

ID 2186150

USSR

MIL

26 Dec 61

176, 164

THI 62-71

Test Battery R THORI FUSION v PLUMMER, by V. R.
Silin.

RUBINIA, Conference on Plasma Physics and Controlled
Nuclear Fusion Research, Salzburg, Sep 4-9, 1961.

IAEA-CN-257

4

QUFB for AEC

Sci - Nuc Phys
Oct 61

The Use of Hexachloroethane in Suspensions with
Merl. by D. S. Shapalov & V. G. Balov.

RUSSIAN, per, Tekhn. doklady nauch. konfer.
Vses. obshch. gol. AN, SSSR, Vols 10-14, No 1,
1962, pp 212-214.

NLI Ref: RTS 4101

Sci/ab & M
Feb 68

349,666

Methods of Rationalising Crepe Yarn Production,
by E. Bayer.

RUSSIAN, per, Textil, Vol XVII, No 11, 1962,
pp 412-413.

NIL Ref: 5828.4 1963 (10 279)
(Loan) 3

Sci - M/M
Oct 63

tion of Agents to Equalise the Uneven Dye
ity of Polyamide Fibres, by J. Janousek,
r. Gruiser.

RUSSIAN, per, Textil, Vol XVII, No 12, 1962,
pp 460-462.

NLL Ref: 5828.4 1963 (10 378)
(Loan)

M/M
Sci - ~~Earth Sci & Astron~~
Oct 63

Efficient Instrument for Tying Wire Ends, by N.
Voronov.

RUSSIAN, per, Textil'Naya Promyshlennost', Vol 10,
No 2, 1958, p 61.

CEIRO/10 7554

Sol -

Aug 67

336,7-1

Book on Wool Technology, by M Kirsanov.
RUSSIAN, per, Textil'Naya Promyshlennost', Vol 10,
No 3, 1958, p67
CSIRO/No 7553

Sci
Aug 51

336,696

High-Frequency Heating of Greasy Wool, by N.
Guretskii, G. Polotovskii.

RUSSIAN, per, Textil'naya Promyshlennost', No. 1,
1958, pp. 58-60.
CSTRO/No. 7552

Sci. :
Aug. 67

336, 192

Investigation of Cation Exchange on Oxidized Cellulose, by the Method of Infra-Red Spectroscopy, by N. N. Yermolenko, R. G. Zhabankov, 2 pp. UNCLASSIFIED

RUSSIAN, theses, Tezisy Dokladov IX k Konferentsii po Obshchim Voprosam Khimii i Fiziki Vysokomolekulyarnykh Soedineniy, Moscow, Jan 1957, p 51.

US PRS/NY-L-5

Sci - Physics
Mar 58

59,146

Investigations on the Preparation of Fluorine-Containing Synthetic Carbon Chain Fiber "Ftorlon" (MTI-2)
by Z. A. Rogovin, Z. A. Zazulina, 1 pp. UNCLASSIFIED

RUSSIAN, theses, Tezisy Dokladov IX Konferentsii po
Obshchim Voprosam Khimii i Fiziki Vysokomolekulyarnykh
Soedineniy, Moscow, Jan 1957, pp 170, 171.

US JPRS/NY - 1-6

Sci - Physics
Mar 58

59,148

Sorption of Dipolar Ions by Ion Exchange Resins, by
G. V. Samoshov, N. P. Kuznetsova, M. D. Padeyeva,
1 p. UNCLASSIFIED

RUSSIAN, theses, Tezisy Dokladov IX Konferentsii po
Obshchim Voprosam Khimii i Fiziki Vysokomolekulyarnykh
Soyedineniy, Moscow, Jan 1957, pp 178, 179.

US JPRS/NY-L-7

Sci - Physics
Mar 58

59,147

Theses of Conference Papers on the Problem of the
Source of Senility and the Prophylaxis of Premature
Aging of the Organism, 76 pp.
RUSSIAN, rpt, Temnyy Doklady na Konferentsii po
Probleme Geneza Starosti i Profilaktiki Prozhdevret-
mennogo Starenia Organizma, 1988, 126 pp.
CIA/FDD X-5462

Sci - Biol & Med Sci
Oct 64
FOR OFFICIAL USE ONLY

268,069

Temperature Field of a Limited Body, Having
the Form of a Parallelepiped With Continuously
Active Source of Heat, by I. G. Alyanovskiy,
5 pp.

RUSSIAN, bk, Tezisy Dokladov I Soobshcheniy
Na Soveshchaniya Po Teplo I Massoobmenu,
5-9 Jun 1961, pp 1-7. 9678812

FTD-TT-62-1391

Sci-Engr
Dec 62

217,636

Distribution of Temperature in a Hollow
Infinite Cylinder, by B. I. Kogan, ~~AKKXKXKXKX~~
A. F. Karustalev, 6 pp.

RUSSIAN, bk, Tezisy Dokladov i Soobshcheniy N
Na Sovetskikh po Temle i Massobmenam, 5-9
June 1961, pp 1-8.

FTD-TT-61-1392

217,637

Sci-Engr
Dec 62

Problems of Heat Exchange in Rarefied Gases,
by I. Ye. Kalikhman. 5 pp

RUSSIAN, bk, Tezisy Doklado i Soobshcheniy
(Dopolneniye). Soveshhaniye po Teplo- i
Massobmenu, Minsk, 1961, pp 31, 32. 9686804

(FTD-TT-62-978

Sci - Phys
13 May 63